

Memorandum

Date : September 13, 2001

Telephone: (916) 654-4996

File: Inland Empire Riverside

To: William J. Keese, Chairman
Michal C. Moore, Ph.D
Robert A. Laurie
Robert Pernell
Arthur H. Rosenfeld, Ph.D

From: California Energy Commission -
1516 Ninth Street
Sacramento, CA 95814-5512

Steve Larson
Executive Director

Subject: **INLAND EMPIRE ENERGY CENTER DATA ADEQUACY RECOMMENDATION
(01-AFC-17)**

We have reviewed the Inland Empire Energy Center Application for Certification (AFC) filed by Inland Empire Energy Center LLC, on August 17, 2001. We do not believe the AFC meets the requirements of the Cal. Code of Regulations, Title 20, § 1704, Appendix B for the twelve-month process. Therefore, we recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies. Of the 23 technical disciplines reviewed, we believe the information contained in the AFC is deficient in 12 areas pertaining to the twelve-month process. The sections of the AFC that require additional information to meet data adequacy for the twelve-month process are: Air Quality, Biological Resources, Cultural Resources, Facility Design, Land Use, Noise, Project Overview, Public Health, Socioeconomics, Traffic and Transportation, Transmission Systems Engineering, and Visual Resources. Attached is a summary table and data adequacy worksheets for all technical disciplines. The worksheets for the aforementioned sections identify the additional information that we believe is necessary to fulfill the AFC data adequacy requirements.

Additionally, the applicant requested an expedited six-month process allowed under Public Resources Code §25550 (AB 70, Chapter 329, Statutes of 2000). However, after review of the AFC, staff does not believe it meets the additional data adequacy requirements of the six-month process. We, therefore, also recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies. Of the 23 technical disciplines, we believe the information contained in the AFC is deficient in seven areas. The sections of the AFC that require additional information to meet data adequacy for the six-month process are: Air Quality, Biological Resources, Land Use, Project Overview, Transmission Systems Engineering, Visual Resources, and Water Resources. Worksheets identifying the additional information needed to qualify for the six-month process are included in the attachment. For a project to qualify for the six-month process, the AFC must meet both the additional six-month criteria and the twelve-month criteria.

At the Energy Commission's business meeting on September 26, 2001, I will recommend that the Energy Commission not accept the AFC until the additional information specified in the data adequacy worksheets is supplied.

If you have any questions, please call Jim Bartridge, the Energy Commission's Project Manager, at (916) 651-8839.

STEVE LARSON
Executive Director

SL:JB:jb

Attachments

cc: Andrea Grenier, Argonaut Consulting
Gregory Lamberg, Calpine
Michael Hatfield, Calpine

**INLAND EMPIRE ENERGY CENTER DATA ADEQUACY DETERMINATION
(12-MONTH AND 6-MONTH DATA ADEQUACY)**

Technical Area	Data Adequacy			
	12-Mo.	Page No.	6-Mo.	Page No.
Air Quality	No	1	No	6
Alternatives	Yes	8	N/A	---
Biological Resources	No	9	No	14
Cultural Resources	No	18	Yes	21
Efficiency	Yes	23	Yes	26
Facility Design	No	27	Yes	31
Geological Hazards	Yes	33	Yes	35
Hazardous Materials	Yes	36	Yes	38
Land Use	No	40	No	43
Noise	No	44	Yes	47
Paleontological Resources	Yes	48	Yes	51
Project Overview	No	52	No	56
Public Health	No	51	Yes	59
Reliability	Yes	61	N/A	---
Socioeconomics/ Environmental Justice	No	64	Yes	70
Soil Resources	Yes	72	Yes	74
Traffic and Transportation	No	75	Yes	78
Trans Line Safety/Nuisance	Yes	79	Yes	82
Transmission System Engineering	No	84	No	87
Visual Resources	No	89	No	93
Waste Management	Yes	95	Yes	98
Water Resources	Yes	99	No	103
Worker Safety	Yes	106	N/A	---

ATTACHMENT B

**ENERGY COMMISSION STAFF'S
List of Data Inadequacies**

**INLAND EMPIRE ENERGY CENTER
(01-AFC-17)**

September 25, 2001

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§5.2.1 Pages 5.2-1 to –6 §5.2.2 Pages 5.2-7 to –25 §5.2.3 Pages 5.2-26 to -59 §5.2.4 Pages 5.2-59 Table 5.2-32 Page 5.2-56	No	A description of the proposed construction PM10 emission mitigation measures, including a description of their effectiveness and proposed verification monitoring plans.
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.		No	The District will file the completeness letter within 30 days of receiving the PDOC/ATC application. The Applicant plans to submit the permit application on 9/13/01.
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Table 5.2-15 Page 5.2-27 Table 5.2-19,20 Page 5.2-29 §3.8 Pages 3-54,55 Appendix K-5 Electronic Filing on CD	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	§5.2.5.2.5 Pages 5.2-54 through 5.2-56 Appendix K-7	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	§3.4.3.5 Pages 3.4-15 Table 3.4-5 Pages 3.5-26 Appendix K-3 Table K.3-7	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	§5.2.3.2.1 Pages 5.2-27 through 5.2-31 Tables 5.2-16 through 5.2-21 Appendix K-3	No	An estimate of criteria air contaminant emissions from secondary sources (i.e. ammonia delivery and other routine deliveries, etc.)

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	§5.2.1.2 Page 5.2-2 §5.2.3.2.1 Pages 5.2-27 through 5.2-31 Tables 5.2-16 through 5.2-21 Appendix K-3	Yes	
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	§5.2.1.1 Pages 5.2-1,2 §5.2.2.4 Pages 5.2-15 to -25 Tables 5.2-7 through 5.2-14 Figures 5.2-6 through 5.2-15	No	Please provide the ambient concentration data for each pollutant (sulfates, lead and PM2.5 excluded) measured at the three closest monitoring stations, or explain why information from other stations is unnecessary.
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Electronic Filing on CD	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)		Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Electronic Filing on CD Appendix K-1	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	Appendix K-2 Electronic Filing on CD	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	§5.2.1.6 Pages 5.2-4,5 §5.2.3.2.2 Pages 5.2-32 through 5.2-51 Tables 5.2-22 to -30 Appendix K-5, K-6 Electronic Filing on CD	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Appendix K-8	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	5.2.3.2.5 Pages 5.2-56,57 Table 5.2-32 Page 5.2-56 Appendix K-3 Tables K-3-8,9	Yes	
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Appendix K-10	No	Potential offset sources, including location, and quantity of emission reductions for all pollutants being offset.
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Appendix K-10	No	Method of emission reduction for offset sources for all pollutants being offset.
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figures 5.15-1,2	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.2-40 Pages 5.2-73 to -78 Table 6.1-1 Pages 6-7,8	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.2-40 Pages 5.2-73 through 5.2-78 Table 6.1-1 Pages 6-7,8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§5.2.3.2.5 Pages 5.2-51 through 5.2-58 §5.2.6 Pages 5.2-59 through 5.2-71 Table 6.1-1 pgs 6-7,8	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.2-39 pg 5.2-73	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§5.2.8 Table 5.2-40 Pages 5.2-73 through 5.2-78	No	The steps taken to obtain necessary permits and an estimated schedule of when the permits will be obtained.

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.2-40 Pages 5.2-74 through 5.2-78 Table 6.1-1 pgs 6-7,8	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§5.2.6 Pages 5.2-59 through 5.2-71 Table 6.1-1 pgs 6-7,8	No	Source of emission offsets has not been provided as required by District Rule 1303.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		No	Information from SCAQMD documenting the proposed changes to Rule 1309.1 and its effect on project compliance.
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 5.2-40 pgs 5.2-74 to -78 §5.2.6 pgs 5.2-59 to-71 Table 6.1-1 pgs 6-7,8	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/28/01

Technical Area: **Air Quality**

Project: Inland Empire Energy Center

Technical Staff: William Walters

Project Manager: James Bartridge

Docket: 01-AFC-17

Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(A) (Air Quality)	a detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	§5.2.5 pg. 5.2-59	No	Cumulative modeling analysis.
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10;	§5.2.3.2.2 pgs 5.2-40 to -42	No	A description of the types and durations of initial commissioning equipment tests, criteria pollutant emission estimates for each type of test, monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10.
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	None	No	Description of the mitigation proposed for the modeled construction PM10 CAAQS/NAAQS exceedances has not been provided.
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	§5.15.2.2 Pages 5.15-4 through 5.15-10 Electronic Filing on CD	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Alternatives**

Project: Inland Empire Energy Center

Technical Staff: Jim Bartridge

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Page 3-59, Section 3.10.2.1	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Pages 3-58 to 3-62, Sections 3.10.1 and 3.10.2 Pages 3-62 to 3-65, Section 3.10.3	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Pages 3-58 to 3-70, Section 3.10	Yes	

Adequacy Issue: Adequate _____ Inadequate **X** **DATA ADEQUACY WORKSHEET**

Revision No. 0 Date August 30, 2001

Technical Area: **Biological Resources**

Project: Inland Empire Energy Center

Technical Staff: Natasha Nelson and Shari Koslowsky

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>Site conditions: Section 5.3.3, Pages. 5.3-15 to 28</p> <p>Impacts discussion: Section 5.2.3.2.2, Pages. 5.2-44 and -45; Section 5.3.4, Pages. 5.3-28 to -37; Section 5.3.6, Page 5.2-39; Table 3.7-4, p. 3-54</p> <p>Mitigation: Section 5.3.5, Pages. 5.3-37 through 5.3-38</p> <p>Monitoring: Section 5.3.5, Pages. 5.3-37 through 5.3-38</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	<p>Regional overview: Section 5.3.1, Page 5.3-1</p> <p>1:100,000 (or suitable scale) map: Figure 5.3-1, Page 5.3-2</p>	<p>Yes</p> <p>Yes</p>	

Technical Area: **Biological Resources**

Project: Inland Empire Energy Center

Technical Staff: Natasha Nelson and
Shari Koslowsky

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed map and discussion: Section 5.3.3, Pages. 5.3-15 to 28; Figures 5.3-2A,B, and C, p. 5.3-13; Figures A to D in Appendix J-6	Yes	
		Lists of species seen and those expected to occur in the project area: Table 5.3-1, Pages 5.3-8 through 5.3-12; Table 5.3-3, Pages 5.3-16 and 5.3-17; Table 5.3-6, Pages 5.3-20 and 5.3-21; Table 5.3-8, Page 5.3-26	Yes	
		Discussion of distribution: Section 5.3.3.4, Pages. 5.3-24 through 5.3-28	Yes	
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Study description: Section 5.3.2.2, Pages 5.3-4 through 5.3-6;	Yes	
		Section 5.3.2.6, Page 5.3-6;		
		Section 5.3.3.4, Pages 5.3-24 through 5.3-28; Appendix J-1	Yes	
		CNDDDB forms: Appendix J-3; and Appendix J-5	Yes	
		Names/qualifications of those completing studies: Section 5.3.3.5, Pages 5.3-24 through 5.3-28; Appendix J-2		

Technical Area: **Biological Resources** Project: Inland Empire Energy Center Technical Staff: Natasha Nelson and Shari Koslowsky

Project Manager: Jim Bartridge Docket: 01-AFC-17 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Permanent/temporary impacts discussion: Section 5.3.4, Pages 5.3-28 through 5.3-37 Project emissions and cooling tower drift study: Section 5.3.4.3, Pages 5.3-35 through 5.3-37 Use and discharge of water: N/A Once-through cooling discussion: N/A	Yes Yes N/A N/A	Water remains in a closed system of municipal pipelines.
Appendix B (g) (13) (E)	A discussion of the following:	--	--	--
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Section 5.3.5, Pages 5.3-37 and 5.3-38	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Section 5.3.1, Page 5.3-3; Section 5.3.5, Pages 5.3-37 and 5.3-38	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Section 5.3.5, Page 5.3-37	Yes	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Section 5.3.5, Page 5.3-38	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.		No	Please submit a discussion of the commercial and recreational species in the area and any potential impacts to these species.

Technical Area: **Biological Resources** Project: Inland Empire Energy Center Technical Staff: Natasha Nelson and Shari Koslowsky
Project Manager: Jim Bartridge Docket: 01-AFC-17 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	--	--	--
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Table 5.3-1, Pages 5.3-8 through 5.3-12	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Section 5.2.3.2.2, Pages 5.2-44 and 5.2-45; Table 5.3-1, Pages 5.3-8 through 5.3-12; Table 5.3-5, Page 5.3-20; Table 5.3-7, Page 5.3-22	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Table 5.3-1, Page 5.3-8 through 5.3-12; Table 5.3-5, p. 5.3-20	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.1-1, Page 6-9	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.1-1, Page 6-9	Yes	

Adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET

Revision No.

0

Date

August 30, 2001

Technical Area:

Biological Resources

Project:

Inland Empire Energy Center

Technical Staff:

Natasha Nelson and
Shari Koslowsky

Project Manager:

Jim Bartridge

Docket:

01-AFC-17

Technical Senior:

Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS conformity: Section 5.3.1, Page 5.3-3; Section 5.3.7.3, Page 5.3-41	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.3-12, Page 5.3-42	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.3-13, Page 5.3-42	Yes	

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date August 30, 2001

Technical Area: **Biological Resources**
Project Manager: **Jim Bartridge**

Project: **Inland Empire Energy Center**
Docket: **01-AFC-17**

Technical Staff: **Natasha Nelson and Shari Koslowsky**
Technical Senior: **Jim Brownell**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.3.7, Pages. 5.3-39 to -41	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.3.1, Pages. 5.3-3	No	<p>In most cases, it is not possible for the project applicant to be authorized under an existing HCP because the CEC process does not require a discretionary action by the local agencies and because local agencies have not anticipated permitting power plants >50MW as part of their “future actions/uses” section of their HCP. Therefore, any permitting required for potential effects of power plants >50 MW on state and federally-listed species is required to use either an ESA Section 7 or Section 10(a) process.</p> <p>Prepare and submit documentation which proves one of the following:</p> <p>1) That Riverside County, the Riverside County Habitat Conservation Agency, USFWS, and CDFG have reviewed the project as proposed in the AFC and agrees that a power plant >50MW and transmission lines (in contrast to distribution lines) were anticipated as future land uses during development of the HCP (or an equivalent land use was anticipated). To document this, all parties listed above shall submit letters to the CEC Project Manager (Jim Bartridge) stating their support for the project to gain state and federal endangered species “take” permits through the HCP process.</p>

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date August 30, 2001

Technical Area: **Biological Resources**
Project Manager: **Jim Bartridge**

Project: **Inland Empire Energy Center**
Docket: **01-AFC-17**

Technical Staff: **Natasha Nelson and Shari Koslowsky**
Technical Senior: **Jim Brownell**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(B) (All) continued				<p>2) That an application for a Section 7 permit for “take” of federally-listed species (e.g, vernal pool fairy shrimp, Stephens’ Kangaroo rat) is ready for submittal prior to the AFC being deemed data adequate. Because the consultation must cover the entire project, including the San Jacinto River crossing, please include memos or letters between the USACE and EPA which designate one or the other as the lead agency. Include the name and phone number of any agency contacts, an e-mail or memo from the federal nexus stating they have no comments on the Biological Assessment and they are ready to send it to the USFWS, and a copy of the Biological Assessment.</p> <p>The consultation process for a Nationwide 12 Permit and 1603 Streambed Permit would not be completed prior to evidentiary hearings (at 120 days) according to the AFC’s permit schedule (p. 5.3-42). Please submit the USACE and CDFG contact names and phone number for the San Jacinto River permitting. Provide a copy of the USACE and CDFG permit application materials for this crossing (any maps that are larger than 11x17 may be excluded, but please reference them in a short memo). Indicate if a pre-application meeting with USACE and CDFG has been completed or at minimum has been scheduled.</p>

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date August 30, 2001

Technical Area: **Biological Resources**
Project Manager: **Jim Bartridge**

Project: **Inland Empire Energy Center**
Docket: **01-AFC-17**

Technical Staff: **Natasha Nelson and Shari Koslowsky**
Technical Senior: **Jim Brownell**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.3.7, Pages 5.3-39 to 41	No	See requests in §2022(b)(1)(B) If Riverside County will permit the project under its existing HCP, describe what documents must be submitted, any timelines that are part of the HCP regulations, and what “final document” the CEC staff can use to confirm the applicant has met all requirements.
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(F) (Biology)	A demonstration, based on appropriate data including, but not limited to, scientific surveys taken at the appropriate time of year, that the project will have no significant impact on wetlands, plant or animal species that are endangered, threatened, or of concern under state or federal law, or the areas listed in Public Resources Code section 25527;	Section 5.3.2.2, Pages 5.3-4 to -7; Section 5.3.3.4, Pages 5.3-24 to -28; Appendix J-1	No	Surveys for the presence of vernal pool fairy shrimp were completed in July. Please submit the survey results. In addition, please indicate when the second survey will take place.

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Cultural Resources**
 Project Manager: Jim Bartridge

DATA ADEQUACY WORKSHEET

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

Revision No. 0 Date 8/31/01
 Technical Staff: Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.16.1, 5.16.2, 5.16.3, and 5.16.4.	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Section 5.16.1.1, 5.16.1.3, and 5.16.4. Figure 5.16-1	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Section 5.16.1.5	No	The applicant states on page 5.16-19 of the AFC that the wooden poles will be removed from the interconnection point and replaced with steel towers to the Valley Substation. Please provide the results of a cultural resources survey, conducted by an individual qualified to evaluate built environment resources, of the transmission line that will be affected by the project and the Valley Substation. Please provide copies of the technical survey reports by the appropriate specialists for the project area and the project components. Please provide resumes of all individuals conducting cultural resources surveys.

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Cultural Resources**
 Project Manager: Jim Bartridge

DATA ADEQUACY WORKSHEET

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

Revision No. 0 Date 8/31/01
 Technical Staff: Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 5.16.1.2	No	The applicant states on page 5.16-19 of the AFC that the wooden poles will be removed from the interconnection point and replaced with steel towers to the Valley Substation. If the power line and/or the Valley Substation are over 45 years of age, please provide site records (DPR Forms 523A, 523B, and 523J) for the cultural resources that will be affected by the project. Please provide significance evaluation for all cultural resources that can be affect by the project. Ensure that the appropriate specialist for the resource type evaluates the resources. Please use current CEQA law and the California Register criteria.
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Section 5.16.1.5 Appendix L-2	Yes	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	Section 5.16.4	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Cultural Resources**
 Project Manager: Jim Bartridge

DATA ADEQUACY WORKSHEET

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

Revision No. 0 Date 8/31/01
 Technical Staff: Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.1-1 Section 5.16.5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.1-1 Section 5.16.6 and Table 5.16-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.16.4 and 5.16.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.16-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/30/01

Technical Area: **Cultural Resources**

Project: Inland Empire Energy Center

Technical Staff: Gary Reinoehl

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 6.1-1 and Section 5.16.5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.16.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.16.5 Table 6.1-1	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/30/01

Technical Area: **Cultural Resources**

Project: Inland Empire Energy Center

Technical Staff: Gary Reinoehl

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Section 3.6 and Section 5.16.1.6.5 Section 5.16.1, 5.16.2, 5.16.3, and 5.16.4.	Yes	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;		N/A	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and		N/A	
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;		N/A	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 28, 2001

Technical Area: **Efficiency**

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Volume 1: Section 3 (Pages 3-1 thru 3-71)	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Volume 1: Section 3.4 .2 (Page 3-4) Figure 3.4-4 Table 3.4-1 (Page 3-12)	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	Volume 1; Section 3.4.8 (Page 3-19)	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	Not Required for Merchant Plant – Volume 1: Section 3.8 (Page 3-53)	N/A	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	Not required for Merchant Plant – Volume 1: Section 5.2.3.2.1 (Page 5.2-27)	N/A	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	Merchant Plant	N/A	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 28, 2001

Technical Area: **Efficiency**

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (4) (F) Not required except as mentioned under CEQA guidelines: Volume 1 Section 6 (Pages 6-1 thru 6-14)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	Volume 1: Section 3.10.6 (Page 3-66 thru 3-70)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Not required except as mentioned under CEQA guidelines: Volume 1 Section 6 (Pages 6-1 thru 6-14)	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not required except as mentioned under CEQA guidelines: Volume 1 Section 6 (Pages 6-1 thru 6-14)	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Not required except as mentioned under CEQA guidelines: Volume 1 Section 6 (Pages 6-1 thru 6-14)	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 28, 2001

Technical Area: Efficiency

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not required except as mentioned under CEQA guidelines: Volume 1 Section 6 (Pages 6-1 thru 6-14)	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date August 28, 2001

Technical Area: **Efficiency**

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Volume 1 Section 6 (Pages 6-1 thru 6-14)	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Volume 1 Section 6 (Pages 6-1 thru 6-14)	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;		N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	See Water Resources	N/A	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	See Water Resources	N/A	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	See Water Resources	N/A	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Water Resources	N/A	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	See Water Resources	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.1-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table6.1-1	Yes	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§ 3.4 (Page 3-4), § 3.11.1 (Page 3-70), § 3.11.2 (Page 3-71), § 3.11.3 (Page 3-71), § 3.11.4 (Page 3-71), § 5.5.5 (Page 5.5-23) Appendix A, Appendix B, Appendix C, Appendix D, Appendix E	Yes	
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 5.5.6 (Page 5.5-24), Table 5.5-4	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§ 5.5.7 (Page 5.5-24), Table 5.5-5	Yes	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§ 1.8.5 (Page 1-7), § 5.5 (Page 5.5-1 to 25), Appendix G	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§ 5.5.3 (Page 5.5-22 to 23)	Yes	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	§ 3.5 (Page 3-41 to 43), Appendix A, Appendix B, Appendix C, Appendix D, Appendix E	No	The design criteria, loading conditions and loading combinations are not included in the Appendices.
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:			
Appendix B (i) (1) (D) (i)	The power generation system;	§ 1.5.2 (Page 1-3), § 1.5.3 (Page 1-3), § 3.4 (Page 3-4 to 41), Figure 3.3-1, Figure 3.3-2, Figure 3.4-1, Figure 3.4-2, Figure 3.4-3, Figure 3.4-4, Figure 3.4-5	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§ 3.4.2 (Page 3-4 to 12), § 3.4.3.2 (Page 3-13 to 14), § 3.4.3.5 (Page 3-15), Figure 3.3-2, Table 3.4-1	Yes	

Adequacy Issue: Adequate _____ Inadequate _____

X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 30, 2001

Technical Area: **Facility Design**

Project: Inland Empire Energy Center

Technical Staff: Brian Payne

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§ 3.4.9 (Page 3-20 to 28), Figure 3.4-6, Figure 3.4-7, Table 3.4-3, Figure 3.2-2	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§ 3.4.12 (Page 3-34 to 38), § 5.2 (Page 5.2-1 to 79)	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§ 3.4.10 (Page 3-28 to 30), § 3.4.11 (Page 3-30 to 3-34), Table 3.4-6, Table 3.4-7	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	NA	NA	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§ 3.4.4 (Page 3-16), § 3.4.5 (Page 3-16), § 3.4.6 (Page 3-16 to 18), § 3.4.7 (Page 3-18 to 19), Figure 3.4-5	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	§ 3.10.3 (Page 3-62 to 65), Figure 3.10-2 (Compressor Station Plot Plan), § 3.4.9.1 (Page 3-23 to 24, Recycled Water Pump Station), § 3.4.9.2 (Page 3-24 to 25, Raw Water Pump Station)	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date August 30, 2001

Technical Area: **Facility Design**

Project: Inland Empire Energy Center

Technical Staff: Brian Payne

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 6.1-1, Appendix A, Appendix B, Appendix C, Appendix D, Appendix E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§ 3.4 (Page 3-4), § 3.11.1 (Page 3-70), § 3.11.2 (Page 3-71), § 3.11.3 (Page 3-71), § 3.11.4 (Page 3-71), § 5.5.5 (Page 5.5-23) Appendix A, Appendix B, Appendix C, Appendix D, Appendix E	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date August 30, 2001

Technical Area: **Facility Design**

Project: Inland Empire Energy Center

Technical Staff: Brian Payne

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	§ 3.4 (Page 3-4), § 3.11.1 (Page 3-70), § 3.11.2 (Page 3-71), § 3.11.3 (Page 3-71), § 3.11.4 (Page 3-71), § 5.5.5 (Page 5.5-23) Appendix A, Appendix B, Appendix C, Appendix D, Appendix E	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 6.1-1, § 5.5.7 (Page 5.5-24), Table 5.5-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/25/2001

Technical Area: **Geological Hazards**

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing Conditions – Section 5.5.1; Pages 5.5-1 through 5.5-19, Impacts – Section 5.5.2; Pages 5.5-20 through 5.5-23, (Construction & Operation); Design Features and Mitigation – Section 5.5.3; Page 5.5-22,	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 5.5.1; Pages 5.5-1 through 5.5-19,	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figure 5.5.3 (Maps A through C); Section 5.5.1.3; Pages 5.5-7 through 5.5-19; Appendix G	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Section 5.5.1.7 (no map b/c there are no local geologic resources)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.5.5; Page 5.5-24, Table 5.5-5; Appendix A	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/25/2001

Technical Area: **Geological Hazards**

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.5.6, 5.5.7, and 5.5.8 Tables 5.5-4 and 5.5-5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.5.5; Page 5.5-23 Section 6.0, Table 6.1-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.5-4; Page 5.5-24,	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 9/25/2001

Technical Area: **Geological Hazards**

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.5.5 Page 5.5-24; Table 5.5-5 Appendix A	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.5.5 Pages 5.5-23 and 5.5-24	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Sections 5.5.6, 5.5.7, & 5.5.8 Tables 5.5-4 and 5.5-5	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/30/01

Technical Area: **Hazardous Materials Handling**

Project: Inland Empire Energy Center

Technical Staff: Rick Tyler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.12	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Table 5.12-2	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 5.12-1	yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 5.12	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 5.12.2	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 5.12.3.4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/30/01

Technical Area: **Hazardous Materials Handling**

Project: Inland Empire Energy Center

Technical Staff: Rick Tyler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 5.12.	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 5.12.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.12-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.12-5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.12	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.12-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/31/01

Technical Area: **Hazardous Materials**

Project: Inland Empire Energy Center

Technical Staff: Rick Tyler

Project Manager: J. Bartridge

Docket: 01-AFC-17

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.12-4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.12	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;		N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/31/01

Technical Area: **Hazardous Materials**

Project: Inland Empire Energy Center

Technical Staff: Rick Tyler

Project Manager: J. Bartridge

Docket: 01-AFC-17

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(G) (Hazardous Material)	With respect to the handling of hazardous materials, a demonstration that: i) the project will not use or store any regulated substance defined in Section 25532(g) of the California Health and Safety Code or ii) the project is eligible for Program 1 status pursuant to Section 68.10 of Part 68 of Title 40 of the Code of Federal Regulations or can demonstrate that no worst case accidental release would result in a plausibility (risk greater than 1 in 1,000,000) of an impact above the Emergency Response Planning Guideline, Level 2 (ERPG 2) at the nearest public receptor.	Section 5.12	Yes	
§2022(b)(2)(H) (Hazardous Material)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Section 5.12	Yes	
§2022(b)(2)(I) (Hazardous Material)	A demonstration that the proposed facility will not require storage of gaseous flammable or explosive materials in quantities greater than 25000 standard cubic feet;	Section 5.12.1.2 Compressed Gas Storage	Yes	

Adequacy Issue: Adequate _____ Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 21, 2001

Technical Area: **Land Use** Project: Inland Empire Energy Center Technical Staff: Amanda Stennick

Project Manager: Jim Bartridge Docket: 01-AFC-17 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.7	Yes	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Page 5.7-17 through 5.7-18 Tables 5.7-1 through -3 Figures 5.7-1 through 5.7-4C	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Figures 5.7-4A, B, and C Table 5.7-3	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Table 5.7-4	Yes	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Table 5.7-4	Yes	

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET		Revision No.	0	Date	August 21, 2001
Technical Area:	Land Use	Project:	Inland Empire Energy Center	Technical Staff:	Amanda Stennick		
Project Manager:	Jim Bartridge	Docket:	01-AFC-17	Technical Senior:	Eileen Allen		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figures 5.7-1 through 5.7-4C	No	Figures do not differentiate between General Plan Land Use Designations and zoning designations. Please provide a map that clearly delineates and identifies all existing zoning classifications within the study area.
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Sections 5.7.1.2 through 5.7.2.2	Yes	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Figures 5.7-1 through 5.7-4C	Yes	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Section 5.6.2.1 Table 5.6-2	Yes	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Sections 5.7.1.2 and 5.6.2.2	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	See below	Yes	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Section 5.6.2.1	Yes	

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET		Revision No.	0	Date	August 21, 2001
Technical Area:	Land Use	Project:	Inland Empire Energy Center	Technical Staff:	Amanda Stennick		
Project Manager:	Jim Bartridge	Docket:	01-AFC-17	Technical Senior:	Eileen Allen		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.1-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.7-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 5.7.3 and 5.7.5.2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.7-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.7-6	Yes	

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date August 21, 2001

Technical Area: **Land Use**

Project: Inland Empire Energy Center

Technical Staff: Amanda Stennick

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 6.1-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.7 Table 5.7-6	No	<p>The project as proposed does not comply with the Riverside County Zoning Ordinance for area zoning, mechanical equipment screening or height restrictions.</p> <p>Provide information which would support the issuance of a zone conformity determination and a variance under County regulations, and describe the criteria for making those determinations, for those project features which conflict with County development standards.</p> <p>Alternatively, show why those restrictions are inapplicable to the project. This may include a letter from the County discussing the project and its conformity with County standards.</p>
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Tables 5.7-6 and 6.1-1	Yes	

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET		Revision No.	0	Date	8/27/2001
Technical Area:	Noise	Project:	Inland Empire Energy Center	Technical Staff:	Ron Brown		
Project Manager:	Jim Bartridge	Docket:	01-AFC-17	Technical Senior:	Buntin/Alexander		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.9; Pages 5.9-1 to 5.9-30	No	Provide a plan for monitoring power plant noise levels during and after startup.
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Section 5.9.3.3.6 ; Page 5.9-22 Figure 5.9-6	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in Leq (equivalent sound or noise level), Ldn (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L10, L50, and L90 values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	Section 5.9.2Pages 5.9-7 to 5.9-13	Yes	

Adequacy Issue:	Adequate _____ Inadequate <u>X</u>	DATA ADEQUACY WORKSHEET		Revision No.	<u>0</u>	Date	<u>8/27/2001</u>
Technical Area:	Noise	Project:	<u>Inland Empire Energy Center</u>	Technical Staff:	<u>Ron Brown</u>		
Project Manager:	<u>Jim Bartridge</u>	Docket:	<u>01-AFC-17</u>	Technical Senior:	<u>Buntin/Alexander</u>		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	Sections 5.9.3.3.4 to 5.9.3.3.8; Pages 5.9-20 to 5.9-24	No	Provide a table containing sound levels for the major noise sources of the plant.
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	Sections 5.9.3.2 to 5.9.3.3.8; Pages 5.9-14 to 5.9-24	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	Section 5.9.6; Pages 5.9-28 to 5.9-29	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	Section 5.9.2; Page 5.9-4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.9.6; Pages 5.9-28 to 5.9-30	Yes	

Adequacy Issue:	Adequate _____ Inadequate <u>X</u>	DATA ADEQUACY WORKSHEET		Revision No.	<u>0</u>	Date	<u>8/27/2001</u>
Technical Area:	Noise	Project:	<u>Inland Empire Energy Center</u>	Technical Staff:	<u>Ron Brown</u>		
Project Manager:	<u>Jim Bartridge</u>	Docket:	<u>01-AFC-17</u>	Technical Senior:	<u>Buntin/Alexander</u>		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 5.9-30 Table 5.9-11	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.9.6; Pages 5.9-28 to 5.9-29	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 5.9-30 Table 5.9-11	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	No permits required	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/27/2001

Technical Area: **Noise**

Project: Inland Empire Energy Center

Technical Staff: Ron Brown

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.9.6; Pages 5.9-28 to 5.9-30	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.9.6; Pages 5.9-28 to 5.9-30	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	No changes anticipated.	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.9.8; Page 5.9-30	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/25/2001

Technical Area: **Paleontological Resources**

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.17.1; Page 5.17-1 Section 5.17.2; Page 5.17-6 Section 5.17.3; Page 5.17-8 Section 5.17.4; Page 5.17-8	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Section 5.17.1.1; Page 5.17-1 Section 5.17.1.2; Page 5.17-1	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Section 5.17.1.4; Page 5.17-3	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Section 5.17.1.3; Page 5.14-2 Section 5.17.1.4; Page 5.17-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/25/2001

Technical Area: **Paleontological Resources**

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix O	Yes	
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Sections 5.17.9 and 5.17-4 Page 5.17-8	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.17.5; Page 5.17-9 Section 5.17.7; Page 5.17-11 Table 5.17-1; Page 5.17-9 Table 6.1-1; Page 6.2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.17.6; Page 5.17-10	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 9/25/2001

Technical Area: Paleontological Resources

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.17.5; Page 5.17-9 Section 6.0; Table 6.1-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.17.6; Page 5.17-10	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.17.7 Page 5.17-11	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 9/25/2001

Technical Area: **Paleontological Resources**

Project: Inland Empire Energy Center

Technical Staff: Dal Hunter, Ph.D., CEG

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.17.5; Page 5.17-9 Section 5.17.7; Page 5.17-11 Table 5.17-1; Page 5.17-9 Table 6.1-1; Page 6.2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.17.5, Page 5.17-9 Section 6.0, Table 6.1-1 Section 5.5.5, Page 5.5-23 Section 6.0, Table 6.1-1	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.17.6 Page 5.17-10	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Project Overview**

Project: Inland Empire Energy Center

Technical Staff: Jim Bartridge

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Entire AFC	N/A	See individual technical sections
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Entire AFC	N/A	7See individual technical sections
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Entire AFC	N/A	See individual technical sections
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Entire AFC	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Page 1-1 to 1-4, Section 1.1-1.6	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Page 1-3, Section 1.5.1	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Page 3-1, Section 3.1 Page 3-2, Section 3.2 Page 3-3 to 3-4, Figures 3.2.1 and 3.2.2	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Project Overview**

Project: Inland Empire Energy Center

Technical Staff: Jim Bartridge

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Page 3-7 to 3-9, Figures 3.4-1, 3.4-2, and 3.4-3 Page 5.10-43 to 5.10-46, Figures 5.10a, 5.10b, and 5.10c	Yes	
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix N	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Page 3-48, Section 3.7	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Page 1-2, Section 1.2	No	Site owner is not identified.
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Page 1-3, Section 1.5.5	No	Owner of facilities is not identified
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Page 1-2, Section 1.2 Page 3-1, Section 3.1	No	Site control is not apparent.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Project Overview**

Project: Inland Empire Energy Center

Technical Staff: Jim Bartridge

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Page 3-4, Section 3.4.1 Figures 3.3-1, 3.3-1, 3.5-1, and 3.5-1	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Page 3-4 Section 2.4.1 Figures 3.3-1, 3.3-2, 3.4-1, and 3.4-2	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Page 3-4 to 3-41, Section 3.4	No	Please clarify whether ammonia used will be gaseous or liquid (report says both)
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Page 3-58 to 3-65 Section 3.10	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Page 3-3 Figure 3.2-2 Page 5.10-4 Section 5.10.1.2 and 5.10.1.3, Figures 5.7-1, 5.7-2, 5.7-3, and 5.7-4	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Project Overview**

Project: Inland Empire Energy Center

Technical Staff: Jim Bartridge

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.		N/A	
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.		N/A	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.		N/A	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 3.9	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/28/01

Technical Area: **Project Overview**

Project: Inland Empire Energy Center

Technical Staff: Jim Bartridge

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Entire AFC	N/A	See individual technical sections
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Entire AFC	N/A	See individual technical sections
	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Entire AFC	N/A	See individual technical sections
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Entire AFC	N/A	See individual technical sections
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and	Mention of "option agreement" on Page 1-3	No	Please provide evidence of site control.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 1.2 Sec. 5.15.1 Sec. 5.15.2. Sec. 5.15.3 Appendix K.9.5	No	Public health impacts due to construction equipment diesel exhaust must be provided as well as proposed mitigation.
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Table 5.15-1	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Sec. 5.15.2.2 Appen. K	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Figure 5.15-1	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Appen. K, Figures 9-1 through 9-3	Yes	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.15-9 Table 61-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sec. 5.15.4 Table 5.15-9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 5.15-9	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.15-10	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Able 5.2-40	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date Aug 29, 2001

Technical Area: **Public Health**

Project: Inland Empire Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pub Health sec. 5.15.4 Sec. 6.5 (Table 6.1-1)	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pub Health sec. 5.15.4 Sec. 6.5 (Table 6.1-1)	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pub Health sec. 5.15.4 Table 5.15-9 table 5.15-10 Sec. 6.5 (Table 6.1-1)	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Pub Health Sec. 5.15.2.2 Table 5.15-5 Table 5.15-6 Table 5.15-7 Table 5.15-8	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date Aug 29, 2001

Technical Area: **Public Health**

Project: Inland Empire Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;		N/A	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 28, 2001

Technical Area: **Reliability**

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Volume 1: Section 3 (Pages 3-1 thru 3-71)	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	Volume 1 : Section 1.5.4 (Page 1-3), Section 3.4.8 (Page 3-19), Section 4.3.3 (Page 4-7), Section 3.7.2 (Page 3-50, 3-51), Section 3.10.3 (Pages 3-62 thru 3-65)	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	All Volumes and Sections Detailed Below and including Volume 1: Section 4.0 (Pages 4-1 thru 4-12):	Yes	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	Not required for Merchant Plant – Volume 1: Section 4.3.1 (Page 4-6)	N/A	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	Volume 1: Sections 3,4 thru 3.6 (Pages 3-4 thru 3-48)	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 28, 2001

Technical Area: **Reliability**

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	Volume 1 : Section 4.1.1 (Page 4-1), Section 5.4 (Pages 5.4-1 thru 5.4-24), Section 5.2.2.2 (Page 5.2-7), Section 5.5 (Page 5.5-1), Section 5.5.1.5 (Page 5.5-13)	Yes	
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	Volume 1 : Section 1.5 (Pages 1-3 thru 1-4, Section 4.3 (Pages 4-6 thru 4-8)	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	Volume 1: Section 4.3.1 (Page 4-6)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Not Required for Reliability Review Volume 1 Section 6 (Pages 6-1 thru 6-14)	N/A	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not Required for Reliability Review Volume 1 Section 6 (Pages 6-1 thru 6-14)	N/A	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 28, 2001

Technical Area: **Reliability**

Project: Inland Empire Energy Center

Technical Staff: Richard Minetto

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Not Required for Reliability Review Volume 1 Section 6 (Pages 6-1 thru 6-14)	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Required for Reliability Review Volume 1 Section 6 (Pages 6-1 thru 6-14)	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Required for Reliability Review Volume 1 Section 6 (Pages 6-1 thru 6-14)	N/A	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC, Vol. I 5.8.1 Affected Environment, page 5.8-1. 5.8.2 Environmental Impacts, pages 5.8-4 to 5.8-5. 5.8.2.1 Construction Impacts, pages 5.8-5 to 5.8-8. 5.8.2.2 Operational Impacts, pages 5.8-8 to 5.8-10. 5.8.4 Mitigation Measures, page 5.8-11. 5.8.5 Cumulative Impacts, page 5.8-13.	No	Please provide income and employment multipliers and impact analysis for direct and secondary (indirect and induced) components.
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:			

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Existing and Projected Employment, pages 5.8-1 to 5.8-2. Construction Impacts on Education, page 5.8-7. Operation Impacts on Fiscal Resources and the Local Economy, page 5.8-10. Table 5.8-1 Potential Distribution of Annual Property Taxes to be Paid by the Energy Center, page 5.8-7. Table 5.8-2 Potential Distribution of Annual Sales Taxes to be Paid by the Energy Center, page 5.8-10.	No	Please provide a list of the applicable local agencies with taxing powers and the most recent and projected revenues.
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Demographics and Community Trends, page 5.8-2. Housing, page 5.8-2; Schools, page 5.8-4; Recreation, page 5.8-4. 5.8.3 Environmental Justice Screening Analysis, pages 5.8-10 to 5.8-11. Table 5.8-3 Population and Race Information for Census Tracts Near The Project, page 5.8-12. Table 5.8-4 Household Information for Census Tracts Near The Projected Site, page 5.8-13.	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	5.8.1.1 Existing and Projected Employment, pages 5.8-1 to 5.8-2.	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Construction Impacts, Construction Impacts on Employment, pages 5.8-5 to 5.8-6. Operational Impacts, Operational Impacts on Employment, page 5.8-8. Table 3.7-2 Construction Staff by Month, page 3-51.	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	5.8.1.3 Housing, page 5.8-2.	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	5.8.1.4 Public Services and Facilities, pages 5.8-3 to 5.8-4.	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:			
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Table 3.7-2 Construction Staff by Trade by Month, page 3-51. 5.8.2.1 Construction Impacts, Construction Impacts on Employment, pages 5.8-5 to 5.8-6.	No	Please list the number of workers by craft for operation.

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Construction Phase Impacts, pages 5.11-15 to 5.11-16. Table 5.11-5 Trip Generation Summary—Construction Phase, page 5.11-15. Construction Impacts, Construction Impacts on Employment, pages 5.8-5 to 5.8-6. Operational Impacts, Operational Impacts on Employment, page 5.8-8.	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Construction Impacts on Population, page 5.8-6. Operation Impacts on Population, pages 5.8-8 to 5.8-9.	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Construction Impacts on Housing, page 5.8-6. Operation Impacts on Housing, page 5.8-9.	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	5.8.2.2 Operational Impacts, Operational Impacts On Education, Recreation, and Public Services and Facilities, pages 5.8-9 to 5.8-10. Cumulative Impacts, page 5.8-13. Construction Impacts on Education, page 5.8-7. Table 5.8-1 Potential Distribution of Annual Property Taxes to be Paid by the Energy Center, page 5.8-7.	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	5.8.2.1 Construction Impacts, Construction Impacts on Education, page 5.8-7.	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Construction Impact, Construction impacts on Employment, pages 5.8-5 to 5.8-6. Operational Impacts, Operational Impacts on Employment, page 5.8-8.	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Construction Impacts on Fiscal Resources and Local Economy, page 5.8-8. Operational Impacts on Fiscal Resources, page 5.8-10.	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Operation Impacts on Fiscal Resources and The Local Economy, page 5.8-10. Operational Impacts on Employment, page 5.8-8.	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	5.8.6 Applicable Laws, Ordinances, Regulations and Standards (LORS), pages 5.8-13 and 5.8-14. Table 6.1-1 Inland Empire Energy Center Project Summary of LORS and Compliance, 6.5.8 Socioeconomics, page 6-11.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Same as above.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A See Transmission Safety and Nuisance	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.8-5 Involved Agencies and Contacts, page 5.8-15.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	5.8.6 Applicable Laws, Ordinances, Regulations and Standards (LORS), pages 5.8-13 and 5.8-14. Table 6.1-1 Inland Empire Energy Center Project Summary of LORS and Compliance, 6.5.8 Socioeconomics, page 6-11.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Mitigation Measures, page 5.8-11. 5.8.6.2 Energy Center Compliance With Socioeconomic LORS, page 5.8-14.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	5.8.8 Permits Required and Permit Schedule, page 5.8-14.	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/28/2001

Technical Area: **Socioeconomics**

Project: Inland Empire

Technical Staff: Dr. Joseph Diamond

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;		N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	5.8.3 Environmental Justice Screening Analysis, pages 5.8-10 to 5.8-11.	Yes	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Figure 5.8-1 Minority Populations Within 6 Miles of the IEEC Site, page 5.8-17.	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-28-01

Technical Area: **Soil Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 5.6.1 through 5.6.4; Pages 5.6-1 through 5.6-19,	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figures 5.6-1 A through C Pages 5.6-2 through 5.6-4,	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 5.6-1; Pages 5.6-4 through 5.6-10,	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Table 5.6-1; Pages 5.6-4 through 5.6-10, Section 5.6.1.3; Pages 5.6-11 & 5.6-12,	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Section 5.6.2; Pages 5.6-12 through 5.6-17,	Yes	
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Section 5.6.2.3; Pages 5.6-14 through 5.6-17,	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 5.3.4.3; Pages 5.3-35 through 5.3-37,	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-28-01

Technical Area: **Soil Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.6.5; Pages 5.6-20 through 5.6-22 Section 6.5.5; Page 6-10, Table 6.6-1,	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.6-3; Page 5.6-22,	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.6.5; Page 5.6-20, Page 6-10 Section 6.5.5; Table 6.1-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.6.6; Table 5.6-3, Page 5.6-22	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.6.7; Page 5.6-22, Table 5.6-4; Page 5.6-23	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8-29-01

Technical Area: **Soil Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pages 5.6-20 through 5.6-22, Section 5.6.5; Page 6-10, Table 6.6-1, Section 6.5.5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5.6-12 through 5.6-22, Sections 5.6.2 through 5.6.5;	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pages 5.6-22 & 5.6-23, Section 5.6.7	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Traffic and Transportation**

Project: Inland Empire Energy Center

Technical Staff: Paul Taylor

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Section 5.11 Pages. 5.11-1 through 5.11-24	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Section 5.11, Page 5.11-1 Figure 5.11-1	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Section 5.11, Figures 5.11-1, 5.11-3, 5.11-4	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Section 5.11, Pages 5.11-3 thru 5.11-8 Table 5.11-3	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Section 5.11, Table 5.11-4	No	On Pg. 5.11-13, there is a quantitative text discussion of the traffic volumes on I-215 and SR-74. The numbers cited in the text appear to be different from those in Table 5.11-4. Please reconcile the differences.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Traffic and Transportation**

Project: Inland Empire Energy Center

Technical Staff: Paul Taylor

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Section 5.11, Table 5.11-4 Table 5.11-6 Page 5.11-16, Pages 5.11-21 thru 5.11-22	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Section 5.11, Pages 5.11-10 thru 5.11-11	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Section 5.11, Page 5.11-13	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Section 5.11, Page 5.11-13	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	Section 5.11, Page 5.11-4 Page 5.11-6	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Section 5.11, Pages 5.11-11 through 5.11-22	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/28/01

Technical Area: **Traffic and Transportation**

Project: Inland Empire Energy Center

Technical Staff: Paul Taylor

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Section 5.11, Pages 5.11-11 Thru 5.11-12 Table 5.11-1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.11, Pages 5.11-10 thru 5.11-11 Page 5.11-16 Page 5.11-22 thru 5.11-24	No	Address Cal. Street and Highways Code regulations on encroachment permits and Caltrans' requirements for traffic controls for construction zones. Combine information on cited pages into a table which cross-references sections in AFC addressing conformance.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.11, Table 5.11-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.11,5, Page 5.11-22	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.11, Table 5.11-8	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.11, Table 5.11-9	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/28/01

Technical Area: **Traffic and Transportation**

Project: Inland Empire Energy Center

Technical Staff: Paul Taylor

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sec. 5.11.1.7, Pages 5.11-10 & 11 Section 5.11.2, Page 5.11-16 Sec. 5.11.5, Pages 5.11-22 through 5.11-24	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 5.11-5; Page 5.11-22	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.11-7, Table 5.11-9 Page 5.11-24	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission Line Safety and Nuisance**
 Project Manager: Jim Bartridge

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 22, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.		N/A	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.		N/A	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and		N/A	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission Line Safety and Nuisance**
 Project Manager: Jim Bartridge

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 22, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 4.0, pages 4-2 and 4-3.	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 4.0, pages 4-5 and 4-6.	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 4.0, pages 4-3 through 4-6. Appendices A and B.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 6.0, pages 6-18 and 6-19.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission Line Safety and Nuisance**
 Project Manager: Jim Bartridge

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 22, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 6.0, pages 6-6 and 6-7.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 4.0, pages 4-2 through 4-6. Section 6.0, pages 6-6 and 6-7.	Yes	
Appendix B (h) (3)	The name, title, phones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A.	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date August 23, 2001

Technical Area: **Transmission Line Safety and Nuisance**

Project: Inland Empire Energy Center

Technical Staff: Obed Odoemelam

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 6.0, pages 6-18 and 6-19.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 4.0, pages 4-2 through 4-6. Section 6.0, pages 6-6 and 6-7.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 6.0, pages 6-6 and 6-7.	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue:

Adequate

☒

Inadequate

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0
Date August 23, 2001

Technical Area:

Transmission Line Safety and Nuisance

Project:

Inland Empire Energy Center

Technical Staff:

Obed Odoemelam

Project Manager:

Jim Bartridge

Docket:

01-AFC-17

Technical Senior:

Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Section 4.0, pages 4-2 through 4-6	Yes	

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET		Revision No. 0	Date 8/23/01
Technical Area:	Transmission System Engineering	Project:	Inland Empire Energy Center	Technical Staff:	Mark Hesters
Project Manager:	Jim Bartridge	Docket:	01-AFC-17	Technical Senior:	Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Pages 3-46 to 3-48	No	Provide the conductor type and the reasons it and 500 kV interconnection are going to be used.
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Pages 3-46 t 3-48	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Pages 3-46 to 3-48 Appendix I	No	Provide load flow diagrams demonstrating conformance or non-conformance with utility reliability and planning criteria for the first year of operation. Power flow diagrams (MW/%) must be provided for base case with and without the project. Powerflow diagrams must be provided for all n-0, n-1 and n-2 studies where overloads or voltage violations appear. This should include the Fault Current Study and list any circuit breakers that will need to be replaced.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/23/01

Technical Area: **Transmission System Engineering**

Project: Inland Empire Energy Center

Technical Staff: Mark Hesters

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Pages 3-46 to 3-48 and page 6-6	Yes	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Figure 6.1	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Part of Transmission line Safety and Nuisance	N/A	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Part of Transmission line Safety and Nuisance	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 6-6	No	California ISO, FERC and WSCC standards were not on the table on page 6-6.

Adequacy Issue:

Adequate

Inadequate

X

Technical Area:

Transmission System Engineering

Project Manager:

Jim Bartridge

DATA ADEQUACY WORKSHEET

Revision No.

0

Date

8/23/01

Project:

Inland Empire Energy Center

Technical Staff:

Mark Hesters

Docket:

01-AFC-17

Technical Senior:

Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 6-6	No	California ISO, FERC and WSCC standards were not included in the table on page 6-6.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		No	CPUC GO 95 was included in the table on page 6-6 but was not discussed in Appendix E.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Appendix I	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Appendix I	Yes	

Adequacy Issue:	Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No.	0	Date	8-23-2001
				(Six Month Expedited Process)				
Technical Area:	Transmission System Engineering			Project:	Inland Empire Energy Center	Technical Staff:	Mark Hesters	
Project Manager:	Jim Bartridge			Docket:	01-AFC-17	Technical Senior:	Al McCuen	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 6-6, Appendix E	No	Please review and discuss Cal-ISO, WSCC and NERC interconnection standards.
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Appendix I, Appendix E, Page 6-6	No	Please review and discuss Cal-ISO, WSCC and NERC interconnection standards. CPUC GO 95 is mentioned on page 6-6 but is not discussed in Appendix E.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Appendix E, Page 6-6	No	Discuss whether or not proposed changes to regulations will affect the project.
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 6-6, Appendix E	No	Please review and discuss discuss Cal-ISO, WSCC and NERC interconnection standards.

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET (Six Month Expedited Process)		Revision No. 0	Date 8-23-2001
Technical Area:	Transmission System Engineering	Project:	Inland Empire Energy Center	Technical Staff:	Mark Hesters
Project Manager:	Jim Bartridge	Docket:	01-AFC-17	Technical Senior:	Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE)	An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols and	Appendix I	No	Provide the System Impact Study including the Fault Current Study and list any circuit breakers that will need to be replaced.
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Appendix I	No	Full description unknown without System Impact Study.

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Visual Resources**
 Project Manager: **Jim Bartridge**

DATA ADEQUACY WORKSHEET

Project: **Inland Empire Energy Center**
 Docket: **01-AFC-17**

Revision No. **0** Date **Sept.4, 2001**
 Technical Staff: **Gary Walker**
 Technical Senior: **Dale Edwards**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.10	No	Submittal of the information requested below will satisfy this requirement.
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Section 5.10.1; Pages 5.10-1 through 5.10-11,	No	Submittal of the information requested below will satisfy this requirement.
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figures 5.10-1, 5.10-2a, and 5.10-2b.	No	The AFC (p.5.10-4) states that "the boundaries of the viewshed were set at 3 miles from the plant." However, none of the figures shows the 3-mile radius. Also, none of the figures are at a scale of 1:24,000. Please revise Figure 5.10-1 to show the 3-mile boundary. This will require either changing the scale to 1:24,000 or providing oversize figures. Please revise Figures 5.10-2a and 5.10-2b to show the 3-mile radius.
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and		N/A	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Section 5.10.1; Pages 5.10-1 through 5.10-11	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Section 5.10.1.4; Pages 5.10-7 through 5.10-5.10-11,.	Yes	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Section 5.13.2.4; Pages 5.13-11 through 5.13-14,	No	<p>The AFC (p.5.10-7) states that KOP 1 represents “a small number of rural residences” along the western side of the southern portion of Dawson Road, and “residents of the rural residential neighborhood along Almaden Lane and Airstream Way.” Please specify the number of residences on the western side of the southern portion of Dawson Road, and estimate the number of residences in the residential neighborhood along Almaden Lane and Airstream Way.</p> <p>The AFC (p.5.10-7) states that KOP 2 represents, in part, the rural residential area to the south” who travel north along Dawson Road. Please estimate the number of these residences.</p> <p>The AFC (p.5.10-8) states that KOP 3 represents residents and travelers in the area along Ethanac Road, and residents and travelers on nearby areas of Tyler, Harrison, and Van Buren Avenues. Please estimate the number of residences with potential views of the site from this area and the number of travelers on the roads specified.</p> <p>The AFC (p.5.10-10 and 5.10-11) states that KOP 6 represents, in part, travelers on Meniffee Road. The Traffic and Transportation section of the AFC states that the ADT on a nearby portion of Meniffee Road is 6,184. Please estimate the daily number of vehicles on Meniffee Road with views of the gas compressor station from the vicinity of KOP 6.</p>

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Visual Resources**
 Project Manager: **Jim Bartridge**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Sept.4, 2001
 Technical Staff: Gary Walker
 Technical Senior: Dale Edwards

Project: Inland Empire Energy Center
 Docket: 01-AFC-17

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Pp.5.10-17 and 5.10-26; Table 5.10-2 (p.5.10-14).	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 5.10-5a through 5.10-10c.	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Sections 5.10.2 and 5.10.3; Pages 5.10-11 through 5.10-26,	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.10-3.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.10-3.	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Sept.4, 2001

Technical Area: **Visual Resources**

Project: Inland Empire Energy Center

Technical Staff: Gary Walker

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Tables 5.10-4 through 5.10-6, Pages 5.10-30 through 5.10-37.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.10-3.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date Sept. 4, 2001

Technical Area: **Visual Resources**

Project: Inland Empire Energy Center

Technical Staff: Gary Walker

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.10-3, Pages 5.10-28 and 5.10-29.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Tables 5.10-4 through 5.10-6, Pages 5.10-31 through 5.10-37.	No	<p>The project as proposed does not comply with the Riverside County Zoning Ordinance for area zoning, mechanical equipment screening or height restrictions.</p> <p>Provide information which would support the issuance of a zone conformity determination and a variance under County regulations, and describe the criteria for making those determinations, for those project features which conflict with County development standards.</p> <p>Alternatively, show why those restrictions are inapplicable to the project. This may include a letter from the County discussing the project and its conformity with County standards.</p>
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	

Adequacy Issue:

Adequate

Inadequate

X

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Technical Senior:
Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 5.10-6.	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Waste Management**

Project: Inland Empire Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Sec. 3.4	Yes	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Sec. 3.9	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 5.13.1 Sec. 5.13.2 Sec. 5.13.3 Sec. 5.13.4 Sec. 5.13.5	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Sec. 5.13.2 Append. H	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Waste Management**

Project: Inland Empire Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Sec. 5.13.3.1 Sec. 5.13.3.2 Sec. 5.13.3.3 Table 5.13-1	Yes	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Sec. 5.13.2.1 Sec. 5.13.2.2 Table 5.13-2	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Table 5.14-1 Table 5.14-2 Sec. 5.14.2.1 Sec. 5.14.2.2 Sec. 5.14.2.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.1-1	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 29, 2001

Technical Area: **Waste Management**

Project: Inland Empire Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.13-3 Table 6.1-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 6.1-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.13-3	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.13-4	Yes	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Sec. 5.13.2	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Sec. 5.13.2 Sec. 5.13.3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date Aug 29, 2001

Technical Area: **Waste Management**

Project: Inland Empire Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Waste sec. 5.13.6	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Waste sec. 5.13.6	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Waste sec. 5.13.6 Table 5.13-3 table 5.13-4	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-28-01

Technical Area: **Water Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.4.1 through 5.4.4 ; Pages 5.4-1 through 5.4-25,	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	Section 5.4.2; Page 5.4-17 through 5.4-23,	Yes	
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Section 5.4.2.4; Page 5.4-22 through 5.4-23,	Yes	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Section 5.4.2.2; Page 5.4-19 through 5.4-20,	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	Section 5.4.1Pages 5.4-1 through 5.4-16; Figure 5.4-1, Page 5.4-2	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Section 5.4.1.4 – 5.4.1.4.7; Pages 5.4-3 through 5.4-12,	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 5.4.1.2; Pages 5.4-1 through 5.4-3,	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-28-01

Technical Area: **Water Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Section 5.4.1.3; Page 5.4-1 through 5.4-3; Figure 5.4-2, Page 5.4-4	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	Section 5.4.2.1; Pages 5.4-17 through 5.4-19, , Section 5.4.2.1; Pages 5.4-20 through 5.4-22,	Yes	
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Section 5.4.2.1; Pages 5.4-17 through 5.4-19 Section 3.10.4; Pages 3-65 & 3-66	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 3.4.9.4; Page 3-26, Section 5.4.2.4; Pages 5.4-22 & 5.4.23,	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Section 5.4.2.1; Pages 5.4-17 through 5.4-19; Section 5.4.2.4; Pages 5.4-22 through 5.4-23, Figures 3.4-6 & 3.4-7	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 5.4.2 Pages 5.4-17 through 5.4-24, Figures 3.4-6 and 3.4-7, Page 3-21 and 3-22	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:		Yes	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Section 5.4.1.1; Page 5.4-1 Figures 3.5-1 & 3.5-2	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-28-01

Technical Area: **Water Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Section 5.4.2.2 ; Page 5.4-19 through 5.4-20, Section 3.5.7, Page 3-42,	Yes	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	Section 5.4.4; Page 5.4-25,	Yes	
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 5.4.2.1; Pages 5.4-17 through 5.4-18	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Section 5.4.2; Pages 5.4-17 through 5.4-24,	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	, Section 5.4.2.2 ; Page 5.4-19	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.4.5; Page 5.4-25 through 5.4-27, Table 6.1-1, Section 6.5.4 Page 6-10,	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 3.7.2; Page 3-50, If Agreement is needed, should list on Section 6.5.4; Page 6-10,;	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8-28-01

Technical Area: **Water Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 3.10.4Page 3-65, Section 5.4.5; Page 5.4-25 through 5.4-27, Section 6.5.4; Page 6.10, Table 6.1-1,	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.4-7, Page 5.4-27,	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.4-8; Page 5.4-27,	Yes	

Adequacy Issue: Adequate _____ Inadequate **X** _____

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Revision No. 0 Date 8-29-01

Technical Area: **Water Resources**

Project: Inland Empire Energy Center

Technical Staff: John Kessler

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Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 5.4-25 through 5.4-27, Section 5.4.5; Page 6-10, Table 6.1-1, Section 6.5.4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	1) Pages 5.4-17 through 5.4-19, Section 5.4.2.1 Pages 3-65 & 3-66, Section 3.10.4 2) Pages 5.4-17 through 5.4-18, Section 5.4.2.1 3) Page 3-65, Section 3.10.4 Page 5.4-25 through 5.4-27, Section 5.4.5; Page 6.10, Table 6.1-1, Section 6.5.4	No	The IEEC proposes to use initially about half fresh water and half recycled water for cooling purposes, without fully analyzing impacts or exploring alternatives such as sources of recycled water that may be available outside of EMWD's service area. Please provide the following: 1) Documentation of a comprehensive investigation of alternative sources of recycled water, including a summary of cost, environmental and feasibility issues. 2) Discussion of the dependability that EMWD's imported fresh water supplies will increase by 43% over the next 20 years, including a comparison to EMWD's projected demands for fresh water over the same period. Sources of water supply should also be characterized as to vulnerability to dry year curtailments, supported with historic data, and a discussion of curtailment effects on existing and projected customers. 3) Discussion of alternatives to Wet Cooling, providing project-specific financial, plant performance and environmental impact comparisons.

Adequacy Issue: Adequate _____ Inadequate **X**

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Technical Staff: John Kessler

Project Manager: Jim Bartridge

Docket: 01-AFC-17

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 3-50, Section 3.7.2; Page 5.4-19 & 5.4-20, Section 5.4.2.2	No	Please provide the following: 1) Evidence of consultation with CDFG to determine if a Streambed Alteration Agreement per CA Fish & Game Code Section 1601/1603 is necessary for directional drilling under the San Jacinto River. 2) Draft SWPPP's for both construction and industrial activities in order to obtain NPDES Permits for Discharges of Storm Water Associated with Construction Activity and Discharges of Storm Water Associated with Industrial Activity. The SWPPP for construction activity should include a conceptual site grading plan with location of BMP's for erosion control.
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);	Page 5.4-19 & 5.4-20, Section 5.4.2.2	No	See discussion under §2022(b)(1)(D) above regarding need to prepare SWPPP's for construction and industrial activity as part of the Application/Report of Waste Discharge that must be submitted to the Santa Ana RWQCB.

Adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET
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Technical Area:
Water Resources

Project:
Inland Empire Energy Center

Technical Staff:
John Kessler

Project Manager:
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Technical Senior:
Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Appendix M of the AFC	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/30/01

Technical Area: **Worker Safety**
Project Manager: **Jim Bartridge**

Project: **Inland Empire Energy Center**
Docket: **01-AFC-17**

Technical Staff: **Rick Tyler**
Technical Senior: **Rick Tyler**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.14	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 5.14.3	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Sections 2.0, 3.0, 4.0	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 5.14	Yes	
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);		Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)			
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);		Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);		Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/30/01

Technical Area: **Worker Safety**
Project Manager: **Jim Bartridge**

Project: **Inland Empire Energy Center**
Docket: **01-AFC-17**

Technical Staff: **Rick Tyler**
Technical Senior: **Rick Tyler**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).		Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 5.14-4,5and 6	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.14-9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.14	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.14-9	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.14-8	Yes	